

## ABSTRACT OF THE DISCLOSURE

### SOFTWARE PACKAGE VERIFICATION

- 5 A software package verification tool enables verifying a software package that includes at least one software component. The tool includes at least one test module defining a test of at least one parameter of a software component of the package. It also includes a control module operable to access a framework that identifies each test module and to cause at least one test module to perform the test defined thereby for
- 10 verifying the package. The framework, within which individual test modules may be added or deleted as required, provides a flexible test structure for software packages. Typically, the framework identifies a plurality of test modules for verifying the correctness of a particular software package. In such a case, the framework can identify a priority for each test module for effecting an ordering of the tests. This
- 15 enables the performance of the tests to be efficient, avoiding, for example, unnecessary tests that are redundant if the software package fails a more fundamental test.

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